

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets



(11)

EP 1 568 338 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
02.11.2006 Bulletin 2006/44

(51) Int Cl.:
A61F 5/41 (2006.01) **A61F 2/26** (2006.01)
A61F 2/00 (2006.01)

(43) Date of publication A2:
31.08.2005 Bulletin 2005/35

(21) Application number: **05010107.0**

(22) Date of filing: **09.02.2001**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**

(71) Applicant: **Potencia Medical AG**
6341 Baar (CH)

(30) Priority: **10.02.2000 US 181552 P**

(72) Inventor: **Forsell, Peter**
6300 Zug (CH)

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
01902955.2 / 1 253 877

(74) Representative: **Strandin, Heléne**
Bergenstrahle & Lindvall AB,
P.O. Box 17704
118 93 Stockholm (SE)

(54) Mechanical impotence treatment apparatus

(57) A male sexual impotence treatment apparatus, comprising a restriction device implantable in an impotent patient for engaging a tissue portion of the normal penile tissue or the prolongation thereof to form a restricted penile exit blood flow passageway, an operable adjustment device (12;52;66;90;92;104;110;436) implantable in the patient for adjusting the restriction device to contract said tissue portion to restrict the penile exit blood flow to achieve erection and to release said tissue portion to achieve flaccid state of the patient's penis, an operation device for operating the adjustment device, a power supply implantable in the patient for powering the operation

device, and an implantable control unit (338) operable from outside the patient's body for controlling the restriction device. The apparatus comprises:
an implantable energiser unit (326) for transforming wireless energy into storable energy,

wherein the implantable power supply is capable of storing the storable energy, and the implantable control unit (338) controls the implantable power supply to power the operation device, and

an external control unit (336) for providing a control signal, wherein the implantable control unit controls the restriction device in response to the control signal.

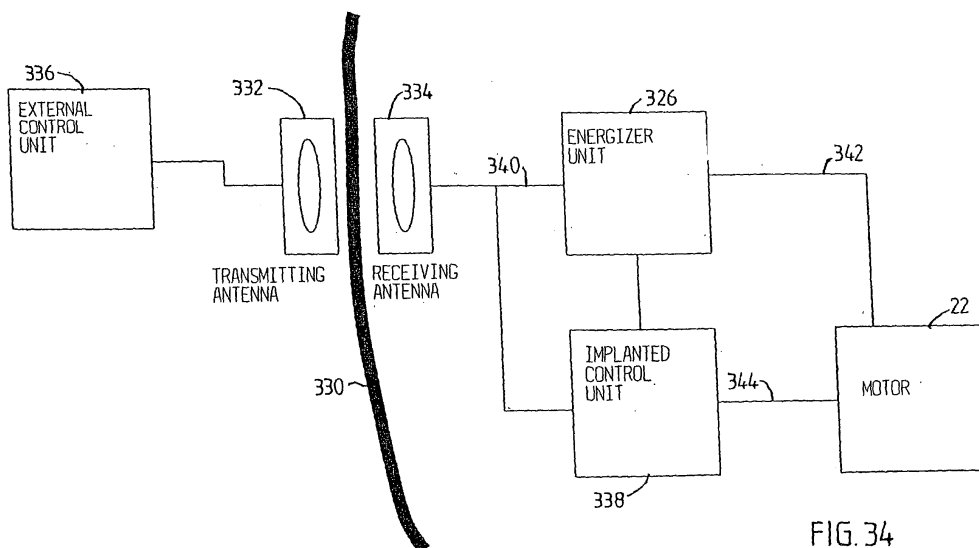


FIG. 34

EP 1 568 338 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 05 01 0107

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 509 888 A (MILLER ET AL) 23 April 1996 (1996-04-23) * column 6, line 55 - line 61 * * column 10, line 41 - line 50 * * figures 1a,1b *	1-120	INV. A61F5/41 A61F2/26 A61F2/00
P,X	WO 00/15158 A (SOFRADIM PRODUCTION; DARGENT, JEROME; GREILLIER, BERNARD) 23 March 2000 (2000-03-23) * page 1, line 8 - line 13 * * page 12, line 28 - page 13, line 9 * * figures 3-5 *	1-120	
A	WO 99/63907 A (TIMM MEDICAL TECHNOLOGIES, INC) 16 December 1999 (1999-12-16) * page 7, line 19 - line 21 * * claim 29 * * figure 2a *	1-120	
A	WO 97/41799 A (INFLUENCE MEDICAL TECHNOLOGIES LTD; SOHN, ZE'EV; ZIMET, NAHMAN) 13 November 1997 (1997-11-13) * page 1, line 33 - line 37 * * figure 4 *	1-120	TECHNICAL FIELDS SEARCHED (IPC) A61F
A	DE 15 41 262 A1 (GRUENERT, DR. MED. ROLF-DIETER) 19 June 1969 (1969-06-19) * figure 13 * * claims 16-18 *	1-20	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 14 September 2006	Examiner Franz, Volker
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

3
EPO FORM 1503 03 82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 05 01 0107

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

14-09-2006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5509888	A	23-04-1996	NONE	

WO 0015158	A	23-03-2000	AT 282381 T	15-12-2004
			AU 5628199 A	03-04-2000
			DE 69922026 D1	23-12-2004
			DE 69922026 T2	08-12-2005
			EP 1113767 A1	11-07-2001
			ES 2232166 T3	16-05-2005
			FR 2783153 A1	17-03-2000
			US 6547801 B1	15-04-2003

WO 9963907	A	16-12-1999	AU 746023 B2	11-04-2002
			AU 4548399 A	30-12-1999
			CA 2334387 A1	16-12-1999
			CN 1305357 A	25-07-2001
			EP 1085841 A1	28-03-2001
			JP 2002517277 T	18-06-2002
			US 6074341 A	13-06-2000

WO 9741799	A	13-11-1997	AU 2648697 A	26-11-1997
			CA 2226170 A1	13-11-1997
			EP 0836444 A1	22-04-1998
			JP 11509457 T	24-08-1999

DE 1541262	A1	19-06-1969	NONE	
